



## Pressure & Temperature

Nominal Pressure:	20 Bar
Hydraulic Shell Test Pressure:	30 Bar
Hydraulic Seat Test Pressure:	22 Bar
20 Bar at:	-10°C to 100°C
Suitable Media:	Water, Oil, Gas

## Dimensions

Size	Pipe O/D mm	A mm	B mm	C mm	D mm	Do mm	E mm	F mm	K mm	J mm	H mm	Wt. Kg.
65 mm	73	140	85	96	53	61.5	115	115	145	110	-	7.2
65 mm	76	140	85	96	53	61.5	115	115	145	110	-	7.2
80 mm	89	145	97	96	53	75.0	115	115	145	110	-	7.8
100 mm	114	175	115	118	53	97.0	115	115	145	110	-	9.8
150 mm	165	210	155	145	53	145.0	115	115	145	110	-	15.7
150 mm	168	210	155	145	53	145.0	115	115	145	110	-	15.7
200 mm	219	257	180	134	80	198.0	175	165	200	160	32	24.1
250 mm	273	314	230	160	80	248.0	175	165	200	160	44	37.0
300 mm	324	339	260	166	80	298.0	175	165	200	160	66	43.3

## Material Specification

Item	Material	BS	ASTM
Body	Ductile Iron	2789 Gr 500/7 FBE Coated	A536 70-50-05 FBE Coated
Disc	Ductile Iron	2789 Gr 500 /7 EPDM Encapsulated	A536 70-50-05 EPDM Encapsulated
Shaft	Stainless Steel	970 416 S21	AISI 416
Bushings	PTFE		
O-rings	EPDM		

## Notes

- Grooved ends available for ANSI/Metric and AWWA pipe.
- Pressure and temperature ratings require the use of couplings with equivalent pressure ratings.
- Top Flange conforms to ISO 5211/1
- Gearbox supplied as standard with gear operator, position indicator and tamper switch.
- Complies with and meets with the requirements of EN12845
- The gearbox is located onto the valve flange plate via a locking pin. This ensures that the gearbox can only be mounted with the position indicator in line with the valve disc.
- Supplied complete with 300mm chain to secure handwheel to valve body.